PACKING LIST

UC-1284 Printer Cable	x 1
User's Manual	x 1
CD-ROM Driver	x 1

• Please read this manual thoroughly and follow the installation procedures to prevent any damage to the UC-1284 and/or the connecting devices.

TABLE OF CONTENTS

INTRODUCTION

ATEN UC-1284 Printer Cable is a bridge that links the traditional IEEE 1284 parallel interface to the Universal Serial Bus(USB) interface. It is easy to install and compatible with most printers from major manufacturers. The UC-1284 is Bus powered and does not need an external power.

The enclosed CD-ROM contains the following files:
- Read.me
- UC-1284.SYS
- UC-1284MN.DLL
- UC-1284.INF
- UC-1284CI.DLL
- ADBOXSUP.EXE
- UCREMOVE.INF
- UCREMOVE.EXE

PRODUCT FEATURES AND SPECIFICATIONS

FEATURES

- Full compliance with the USB spec. 1.0.
- Low power consumption and is powered from USB connection.
- Full compatible USB host device drivers available.
- Transparent fully automatic support for true bi-directional communication.
- Hardware initiates and manages automatic negotiation for the fastest protocol available.
- Supports standard PC parallel port register-based operation.
- Support of multiple logical channels.
- Maximum throughput: 1.216 Mbytes/s (ECP mode).
- Allows current Microsoft Windows printer drivers to print seamlessly to USB.
- Fully Plug & Play compatible.

SPECIFICATIONS

FUNCTION	DESCRIPTION
Power Supply	Bus Powered from USB cable
Voltage	+5V
Current	80mA (Max)
Cable Length	6 ft (180cm) AWG 28/24
Input Connector	USB type A plug
Output Connector	Centronics, 36 Pin Male
Operating Temperature	5°C ~ 40°C
Stock Temperature	-20°C ~ 60°C
Humidity	20% ~ 80% RH, non condensing
Enclosure	Plastic
Weight	110g
Dimension	43 x 53 x 19.5 (mm)

Hardware and OS Requirements

◆ Personal Computer with 486 (or higher) processor with :
  • 16 Mbytes of RAM
  • USB connector
◆ One of the two following operating systems:
  • Windows 98
  • Windows 95 version 4.00.950b with the USB supplement (QFE 1214), also known as OSR2.1. [Note: No upgrade path is available from previous versions of Windows 95 version 4.00.950 to OSR2.1; Windows 95 version 4.00950B (OSR2.0) must first be installed, and then the system can be upgraded to OSR2.1. The file <usbsupp.exe> for upgrading to OSR2.1 with QFE (QFE 1214)].
◆ Printer or other peripheral device conforming to IEEE Standard 1284.

INSTALLATION & OPERATION

1. Connect the ATEN UC-1284 Printer Cable to a printer or other IEEE Standard 1284 peripheral that is turned on.
2. Plug the USB end of the ATEN UC-1284 Printer Cable into the USB HUB or PC's USB port.

◆ A new Hardware Found box will appear stating that an Unknown Device has been found.
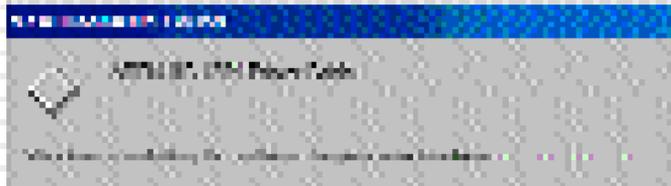
◆ Then, the 'Insert Disk' dialog box will appear instructing you to insert ATEN UC-1284 Printer Cable install disk. After insertion and clicking OK, the 'Copying File...' dialog box appear. Change path to 'A:\' then click OK

At this point, the files should automatically be copied from the diskette. The installation process is now complete.

(Note: If a Plug & Play printer is being used, then a Plug & Play prompt may appear at this point to install the printer drivers.)

3. To install ATEN DOS BOX support utility for standard PC parallel port register-based operation, e.g. printing, insert the accompanying 3.5″ disk into drive A, either Windows 98 or Windows 95 OSR 2.1,

◆ Execute ADBOXSUP.exe from the following screen.

4. Use the Wizard to complete the installation of the Unknown Device, i.e., the ATEN UC-1284 Printer Cable:

   • Insert the diskette into the floppy disk drive.
   • Click on the Next button in the Update Device Driver Wizard box. Windows 95 OSR2.1 (or Windows 98) will find the driver for the ATEN UC-1284 Printer Cable.

5. To verify that the ATEN UC-1284 Printer Cable has been correctly installed, right click on My Computer, and then left click on Properties to access the System Properties box.

6. Choose the Device Manager tab in this box. The ATEN UC-1284 Printer Cable should appear in the list under Computer.
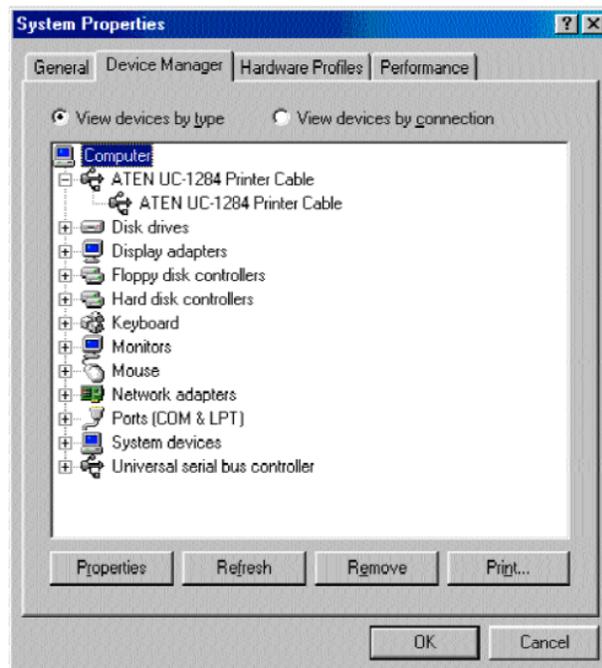
7. Now double click on ATEN UC-1284 Printer Cable (UC1284USBx). If the installation was successful, an ATEN UC-1284 Printer Cable Properties box will appear and the device status will state that the device is working properly.

8. If the installation was not successful, use the UCREMOVE.EXE file on the diskette to first uninstall the software, then return to step 2 above.

9. If the installation was successful and a printer was attached to the ATEN UC-1284 Printer Cable in step 1, a test page can now be printed:
   • Click on Start/Settings/Printers.
   • Right click on the icon for the printer connected to the ATEN UC-1284 Printer Cable, then left click on Properties.
   • Choose the Details tab. Select the correct UC1284USBx port "Print to the

following port:". Under "Print using the following driver" select the driver that corresponds to the correct printer. Click on the "Apply" button and then select the "General" tab of the box.

- To begin the printing process, click on the "Print Test Page" button.

TROUBLE SHOOTING

Please refer to Windows 95 or Windows 98's Trouble-shooting guide for further assistance.

PREVENTING RADIO & TV INTERFERENCE

WARNING!! This equipment generates, Uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment, Operation of this eguipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

LIMITED WARRANTY

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION.

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